

March 2004  
CENTRAL COMMAND

# SAFESTAT REPORT

*Nevada Highway Patrol*

Major Rick Bradley

## Overview



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March brought an end to the severe weather, hazardous driving conditions, and road restrictions the Command has experienced since November. With the spring type weather, personnel were able to concentrate more on enforcement, accident reduction, and commercial vehicle operations. These efforts were extremely successful when compared to February, showing a 20.7% decrease in total crashes, a 54.6% increase in total violations, and a 7.1% increase in total safety inspections. With these increases came a 19.2% increase in overtime hours. However 63% of the overtime increase was due to an increase in contract services overtime. The largest area for overtime within the Command (22.67%) was attributed to vacancy coverage in the Austin and Beatty areas. This trend is expected to continue until the vacancies are filled.

As stated previously, total crashes decreased in the Command with personnel investigating a total of 92 crashes as compared to 116 the previous month for a 20.7% reduction. When compared to the same reporting period the previous year an increase is noted. A total of 28 more crashes were investigated for a 43.8% increase. This increase is Command wide and will be addressed by individual Districts through their Directed Enforcement programs.

Total enforcement activity increased substantially when compared to February. 1,158 more violations were cited for a 54.6% increase. The Central Command increased in every enforcement category except hazardous moving violations. The most notable increases occurred in the total persons arrested category - 31.5%, speed violation category - 72.7%, and the occupant restraint category - 94.5%. Increases were also noted with the Commercial Operations section. These increases occurred in the hazardous moving category - 40%, other traffic violations category - 28.6%, and the total safety inspection category - 7.1%.

Overall the Command has realized positive results in March for it's efforts to continuing to improve highway safety and all personnel are commended for their hard work and dedication.

April 6, 2004

CENTRAL COMMAND

## CRASH ANALYSIS AND OVERVIEW

	March-04		March-03	% Change		February-04	% Change
Total Crashes	92		64	43.8%		116	-20.7%
Property Crashes [including commercial vehicles]	53		43	23.3%		84	-36.9%
Injury Crashes [including commercial vehicles]	33		21	57.1%		30	10.0%
Fatal Crashes [including commercial vehicles]	6		0	600.0%		2	200.0%
DUI Crashes [DUI charged]	4		0	400.0%		9	-55.6%
Total persons killed in fatal crashes	9		0	900.0%		3	200.0%
Total drivers killed without seatbelts	4		0	400.0%		0	400.0%
Total passengers killed without seatbelts	3		0	300.0%		0	300.0%
Total drivers killed with seatbelts	1		0	100.0%		1	0.0%
Total passengers killed with seatbelts	0		0	0.0%		1	-100.0%
Total persons killed -- seatbelts not applicable	1		0	100.0%		1	0.0%
Total number of commercial vehicle crashes	18		16	12.5%		19	-5.3%
Property crashes involving commercial vehicle	15		12	25.0%		16	-6.3%
Injury crashes involving commercial vehicle	3		4	-25.0%		3	0.0%
Fatal crashes involving commercial vehicle	0		0	0.0%		0	0.0%

Percentage of fatal crashes to total crashes 6.5%

Percentage of DUI crashes to total crashes 4.3%

Percentage of persons killed *without* seatbelts to total persons killed 87.5%

Percentage of commercial vehicle crashes to total crashes 19.6%

### NARRATIVE ANALYSIS

[Narrative analysis to include trends or other applicable issues]

There was a 20.7% decrease in the total crashes in March as compared to February. Although property damage crashes showed a sharp decline, injury and fatal crashes increased. The overall reduction in crashes can be attributed, in part, to much improved weather conditions throughout the Command during the month. When compared to March 2003, there was an increase of 28 crashes, despite substantial enforcement efforts made during this month. The increase from March 2003 was Command wide. This increase will be looked at by the individual districts with specific problems addressed through directed enforcement. This was also a result of a noticeable increase in traffic flows, as the weather abruptly changed from winter to spring.

During March there were 6 fatal crashes in which 9 persons were killed. Of the 9 fatalities, 6 were not wearing seat belts and one was being worn improperly. This occurred even though there was a 94.5% increase in occupant restraint enforcement in March as compared to February.

There were 4 DUI related crashes in March, down over 55% from February. The results from all of these crashes have not returned as yet.

Crashes involving commercial vehicles declined by one crash in March as compared to February, but two additional as compared to last year. Of the 18 crashes, the commercial vehicle was a fault in 14 of them. However, 4 of these were mechanical failure rather than driver error. This is still over half of the crashes.

## FIELD ENFORCEMENT ACTIVITY

[Narrative analysis to include trends or other applicable issues]

	March-04		March-03	% Change		February-04	% Change
DUI arrests from crashes	4		0	400.0%		9	-55.6%
DUI arrests <i>prior</i> to crashes	19		22	-13.6%		16	18.8%
Other Arrests	110		100	10.0%		104	5.8%
Total persons arrested (DUI included)	71		49	44.9%		54	31.5%
Speed violations	1874		2015	-7.0%		1085	72.7%
Hazardous moving violations	180		241	-25.3%		192	-6.3%
Occupant restraint violations *	389		257	51.4%		200	94.5%
Total violations [above violations included]	3278		3406	-3.8%		2120	54.6%
<b>Commercial Enforcement</b>							
Hazardous moving violations - citations/arrests	28		28	0.0%		20	40.0%
Other traffic violations - citations/arrests	9		12	-25.0%		7	28.6%
Total safety inspections [level 1, 2, 3, 4, & 6]	665		451	47.5%		621	7.1%
Terminal inspections [level 5]	0		12	-1200.0%		0	0.0%
Total safety violations -- citation	137		178	-23.0%		139	-1.4%
Total safety violations -- repair order	955		1242	-23.1%		878	8.8%
Total vehicles placed "Out of Service"	46		49	-6.1%		46	0.0%
Total drivers placed "Out of Service"	17		19	-10.5%		20	-15.0%
Total school buses inspected	18		0	1800.0%		21	-14.3%
Total school buses placed "Out of Service"	4		0	400.0%		5	-20.0%
Total trucks weighed	356		364	-2.2%		364	-2.2%
Total overweight citations	5		8	-37.5%		6	-16.7%
Total dyed fuel inspections	630		451	39.7%		611	3.1%
Total dyed fuel citations	0		2	-200.0%		0	0.0%

### NARRATIVE ANALYSIS

[Narrative analysis to include trends or other applicable issues]

The overall enforcement activity for March reflected a substantial increase of 54.6% when compared to February. Occupant restraint violations increased by 94.5% and speed violations rose by 72.7%.

DUI arrests from crashes declined by 55.6% or 5 fewer. Persons arrested for DUI prior to a crash increased by almost 19%. The average BAC for arrests prior to a crash is .155. This along with the decline in arrests from crashes and an increase in arrests prior to crashes is a positive turn around from February when DUI arrests from crashes skyrocketed up 800% and arrests prior to crashes declined by 48%.

Commercial Operations personnel had an increase in safety inspections of over 7%. This led to an increase in the number of violations discovered. However, 2 fewer citations were issued for safety violations and the same number of vehicles were placed "out of service" and the number of drivers placed "out of service" declined by 3. The number of vehicles weighed decreased slightly, 2% and the number of dyed fuel inspections increased by over 3%. There were 180 hours spent on dyed fuel inspections on secondary roadways with 232 inspections completed.

## STAFFING AND WORK HOURS

STAFFING	Total Authorized positions		Current positions staffed		Vacancy Rate	
	March-04	March-03	Administrative Assignment	Field Operations	Positions Vacant	Vacancy Rate Percentage
Traffic [Tpr. & Sgt.]	71	69	10	52	9.0	12.7%
Commercial [Tpr. & Sgt.]	16	16	0	12	4.0	25.0%
Commercial CVSI	2	2	0	2	0.0	0.0%
<b>BELOW WORK HOURS ARE FIELD OPERATIONS PERSONNEL ONLY</b>						
WORK HOURS LOST	March-04		March-03	% Change	February-04	% Change
Annual leave	351.00		168	108.9%	166.00	111.4%
Compensatory leave	428.50		226	89.6%	360.50	18.9%
Sick Leave [personal and family]	722.00		698.5	3.4%	662.50	9.0%
Military leave	0.00		168	-16800.0%	0.00	0.0%
Holiday off	0.00		0	0.0%	42.00	-4200.0%
Training	915.83		1676.3	-45.4%	847.08	8.1%
Administrative leave	0.00		184	-18400.0%	120.00	-12000.0%
Leave without pay	0.00		0	0.0%	0.00	0.0%
<b>Total work hours lost</b>	<b>2417.33</b>		<b>3120.8</b>	<b>-22.5%</b>	<b>2198.08</b>	<b>10.0%</b>
OVERTIME	March-04		March-03	% Change	February-04	% Change
Paid overtime claimed	1407.08		880.6	59.8%	1107.67	27.0%
Compensatory overtime claimed	131.50		122.25	7.6%	183.25	-28.2%
<b>Total overtime hours</b>	<b>1538.58</b>		<b>1002.85</b>	<b>53.4%</b>	<b>1290.92</b>	<b>19.2%</b>
TOTAL HOURS WORKED	March-04		March-03	% Change	February-04	% Change
Number of authorized positions x 173 hours*	11418.00		11764	-2.9%	9255.50	23.4%
Work hours lost	2417.33		3120.8	-22.5%	2198.08	10.0%
Overtime	1538.58		1002.85	53.4%	1290.92	19.2%
<b>Total hours worked</b>	<b>10539.25</b>		<b>9646.05</b>	<b>9.3%</b>	<b>8348.33</b>	<b>26.2%</b>

\* 173 hours based upon 2080 work hours per year divided by 12 months

**Contract Service overtime for 5 contracts was 522.75 hours. Of this 207.5 were Southern Command personnel and 315.25 Central Command personnel as the escorts covered both commands.**



## STAFFING AND WORK HOURS *Cont'd*

### NARRATIVE ANALYSIS

*[Narrative analysis to include trends or other applicable issues]*

The staffing information has changed at the top of the previous staffing page slightly from previous months. The authorized positions do not include command staff or the Court/Warrant position. The 10 positions in administrative assignments include the Administrative Services Sergeant, Public Information Officer, Training Officer and 7 cadets in training at the Academy. Two have graduated and have begun the PSTO proram. Numerical staffing numbers shown above reflect only those Sergeants and Troopers whose primary responsibilities include enforcement activity, crash investigation, and commercial enforcement functions. Command staff and sworn personnel assigned to administrative duties are not included as they have no direct impact on the enforcement or accident reduction efforts.

The Central Command is experiencing an 12.7 % vacancy rate for traffic personnel and a 25% vacancy rate for commercial personnel.

The total work hours lost increased by 10%. This was due to the increase of annual leave used during March.

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## RATIOS – ACCIDENT AND ENFORCEMENT

### ACCIDENT RATIOS

	March-04	February-04
Ratio of crashes per Traffic position		
Total	1.8	2.2
Property	1.0	1.6
Injury	0.6	0.6
Fatal	0.1	0.0
DUI	0.1	0.2
Commercial vehicle	0.3	0.4
Ratio of deaths per fatal crash	1.5	1.5
without seatbelts	1.2	0.0
with seatbelts	0.2	1.0

### FIELD ENFORCEMENT

Ratio of enforcement per Traffic position		
DUI arrests from crashes	0.1	0.2
DUI arrests <i>prior</i> to crashes	0.4	0.3
Other Arrests	2.1	2.0
Total persons arrested (DUI included)	1.4	1.0
Speed violations	36.0	20.7
Hazardous moving violations	3.5	3.7
Occupant restraint violations	7.5	3.8
Total violations	63.0	40.4

## RATIOS – ACCIDENT AND ENFORCEMENT *Cont'd*

### INSPECTION / ENFORCEMENT RATIOS

March-04

February-04

Ratio of inspections and enforcement per Commercial position

Hazardous moving violations - citations	2.3	1.7
Other traffic violations - citations	0.8	0.6
Total safety inspections [all levels]	47.5	44.4
Terminal inspections TIP	0.0	0.0
Total safety violations -- citation *	11.4	11.6
Average safety violations per inspection -- citation	0.2	0.2
Total safety violations -- repair order	68.2	62.7
Average safety violations per inspection -- repair order	1.4	1.4
Total vehicles placed "Out of Service"	3.3	3.3
Average vehicles placed OOS per inspection	0.1	0.1
Total drivers placed "Out of Service"	1.2	1.4
Average drivers placed OOS per inspection	0.0	0.0
Total school buses inspected	1.3	1.5
Total school buses placed "Out of Service"	0.3	0.4
Total trucks weighed *	29.7	30.3
Total overweight citations *	0.4	0.5
Total dyed fuel inspections *	52.5	50.9
Total dyed fuel citations *	0.0	0.0

\* Commercial sworn only

### NARRATIVE ANALYSIS

*[Narrative analysis to include trends or other applicable issues]*

The average number of crashes investigated per traffic position declined. This is due to the reduction in crashes during March as compared to February. Total enforcement activity per traffic position increased by almost 56% when compared to February. There were increases in all categories except hazardous moving violations which remained relatively constant.

The ratios for commercial personnel increased in most areas as compared to February. There was an average of 3 additional inspections per position. This resulted in a corresponding increase in safety violations discovered. Despite this increase in violations, the number of drivers placed "out of service" decreased slightly while the number of vehicles placed "out of service" remained constant. Vehicles weighed and dyed fuel inspections were similar to February.

## **ADMINISTRATIVE SERVICES**

The training for 2004 has continued. RADAR recertification has been completed and first responder is 47% completed.

A total of 296 warrants were entered into NCJIS with 176 cleared. There were 1,815 warrants validated.

The evidence vaults processed 40 new items while disposing of 169 items. The majority of new items were from NDI, 52.5%.

During March Front Office personnel entered 2821 citations. Of this, 2006 were accomplished during 41.45 hours of overtime averaging over 48 entered per hour of overtime.

During March, Front Office personnel processed 60 arrest reports and 112 accident reports. Most of January accident reports were not entered into the "Crash" database. These are being entered into the new Crossroads database, which was not available until February. There are still 78 January crashes to be entered into the Crossroads database.

## **COMMUNICATION CENTER**

Overtime accrued during March decreased by 0.01% or 1 hours. Total overtime was 175 hours. The majority of overtime was to cover for sick leave, 128 hours, annual and comp leave, 16 hours and 24 hours to cover for training.

The Center continues to operate with 3 vacancies. However, the recent discussions of closing the Center have concluded with the Center remaining. The vacant positions will now be filled.

Radio transmissions increased during March by 15.7%. There were 79,723 transmissions March in as compared to 68,906 transmissions in February.

Incidents generated in March increased by 17.9% to 8985 in March as compared to 7,618 in February.

There were 144 warrant confirmations as part of the CTA functions.

## **PERSONNEL**

Lieutenant George McIntosh retired from the Division on March 3<sup>rd</sup> with 30 years of service.

Tpr. Johnnie Peoples was presented with his 5 years of service certificate.

## ***PUBLIC INFORMATION***

On March 1<sup>st</sup>, Tpr. Gonzalez provided a driver safety program and a child seat information class to the Wells Volunteer Fire Dept. with 20 students in attendance.

On March 2<sup>nd</sup>, a DUI program was provided for 100 students at Carlin High School.

On March 8<sup>th</sup>, a safety program and accident scene preservation class was given to employees of Newmont Gold.

On March 24<sup>th</sup>, Tpr. Gonzalez attended a Department public information officer meeting in Las Vegas. He also attended an OTS and Safe Kids meeting at Sunrise Hospital for a court diversion program.

On March 5<sup>th</sup>, Tpr. Gonzalez participated in a news conference reference the Communications Center and the 800 mhz radio system. On March 17<sup>th</sup>, Tpr. Gonzalez participated in an AMBER Alert activation.

## ***PROJECTS / ACTION PLANS***

### **ADAPT Vehicle**

The ADAPT Vehicle was utilized in the Ely area during March. It was utilized on 10 occasions for 47 hours. During the use of the vehicle, 40 citations were issued. Due to accident investigations and high winds the latter half of March, the ADAPT vehicle was not utilized as much as scheduled. A representative from the White Pine County School District contacted Ely NHP and stated that he liked the utilization of the ADAPT vehicle especially around school buses. He stated that he had fewer complaints from school bus drivers about vehicles improperly passing while loading and unloading children.

### **RADAR Trailer**

The RADAR Trailer was assigned to the Ely area during March. The trailer was deployed on 10 occasions for 99.5 hours at different locations within the District. A citizen from Lund stated the he was very glad to see the RADAR trailer in town and on SR 318.

### **Budget FY06/07**

Work continues and equipment requests are being finalized for the next biennium. Statewide meetings have occurred to complete the equipment requests for the Division.





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## **UPCOMING EVENTS**

None

## **STAFFING AND WORK HOURS *Cont'd*** **NARRATIVE ANALYSIS**

Overtime in March increased by 19.2%, but 63% of the increase was due to the increase in contract service overtime hours. The largest areas for overtime during March were in vacancy coverage, 22.67%; Contract Services 20.5%; accident investigation, 15.4%; and training 9.8%. The remaining 31.7% was from a variety of areas accounting for 6% or less of the total overtime.

The total hours worked increased by 26.2%, however this increase is due to the cadets graduating from the academy filling prior vacant positions. This has resulted in more total work hours available.

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